

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	403/274.ccls. and ( spacer or bush )	USPAT	OR	OFF	2007/04/18 15:25
S1	1	("6298633").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:46
S2	1	("6055790").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:13
S3	1	("5860780").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:36
S4	79	52/782	USPAT	OR	OFF	2007/04/16 17:34
S5	87371	S4 and spacer and tubular and flangeand ridge	USPAT	OR	OFF	2007/04/16 14:50
S7	20569	S4 and spacer with tubular (flange and ridge)	USPAT	OR	OFF	2007/04/16 14:53
S8	3929	S4 and spacer with tubular (flange and ridge)and panel	USPAT	OR	OFF	2007/04/16 14:53
S9	470	S4 and spacer with tubular (flange and ridge)with panel	USPAT	OR	OFF	2007/04/16 14:56
S10	11	S4 and spacer with tubular (flange adj ridge)with panel	USPAT	OR	OFF	2007/04/16 14:56
S12	12	52/782 and spacer	USPAT	OR	OFF	2007/04/16 15:11
S13	91854	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/16 17:13
S14	91854	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/16 17:16
S15	4549	S14 and spacer(tubular adj body) and flange with ridge	USPAT	OR	OFF	2007/04/16 17:19
S16	4407	S14 and spacer(tubular adj body) with flange with ridge with rivet with panel with fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:22
S17	216	S16 and bore and angle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:23
S18	124	S16 and bore and angle and thickness	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:27
S19	27	S16 and bore and angle and thick and piece	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:27
S20	28	52/782.24.ccls.	USPAT	OR	OFF	2007/04/16 18:08
S21	87	(52/782.22).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 18:14

# EAST Search History

S22	<i>Revised</i> 46	52/782.24.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 08:12
S23	<i>MA</i> 19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 08:30
S33	91866	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/17 08:39
S34	4407	S33 and spacer(tubular adj body) with flange with ridge with rivet with panel with fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:39
S35	<i>Revised</i> 46	52/782.24.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 08:42
S39	<i>MA</i> 19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 13:55
S56	1	("6352038").URPN.	USPAT	OR	OFF	2007/04/17 08:47
S63	8	("5992115").URPN.	USPAT	OR	OFF	2007/04/17 08:48
S66	8	("5992115").URPN.	USPAT	OR	OFF	2007/04/17 08:48
S67	19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 13:58
S68	16	52/782.24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:05
S69	<i>MA</i> 48	52/782.24.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:05
S70	<i>MA</i> 32	("3130503"   "3282015"   "3339609"   "3392225"   "3461936"   "3884006"   "3918130"   "4063582").PN. OR ("4729705"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:43
S71	<i>Revised</i> 10	"5378099"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:43
S72	<i>MA</i> 21	("2957196"   "3041912"   "3504723"   "4399642"   "4717612"   "4729705"   "4800643"   "4846612"   "4930959"   "4941785"   "5013613"   "5082405"   "5093957"   "5240543"   "5378099"   "5480729").PN. OR ("6264412"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:46

## EAST Search History

S73	462	52/783.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 13:59
S74	<i>Review</i> 27	S73 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:05
S75	<i>Review</i> 64	52/782.23.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:08
S76	87	52/782.22.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:12
S77	1	S76 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:09
S78	<i>Review</i> 40	52/782.21.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:14
S79	127	52/782.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:16
S80	<i>Review</i> 3	S79 and washer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:15
S81	<i>Review</i> 5	S79 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:15
S82	182	52/782.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:16
S83	2	S82 and fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:17
S84	127	52/782.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:24
S85	4	"5480729"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:24
S86	<i>Review</i> 2	("6264412").URPN.	USPAT	OR	OFF	2007/04/17 14:32
S87	<i>Review</i> 19	("2957196"   "3041912"   "3504723"   "4399642"   "4717612"   "4729705"   "4800643"   "4846612"   "4930959"   "4941785"   "5013613"   "5082405"   "5093957"   "5240543"   "5378099"   "5480729").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:56

## EAST Search History

S88	324	411/352.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:56
S89	14	S88 and washer and angle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:57
S90	1	("2004/0096292").URPN.	USPAT	OR	OFF	2007/04/17 15:07
S91	2	Tubuler and spacer and washer	USPAT	OR	OFF	2007/04/17 15:08
S92	305	411/107.ccls.	USPAT	OR	OFF	2007/04/17 15:08
S93	20	S92 and spacer	USPAT	OR	OFF	2007/04/17 15:12
S94	177	411/546.ccls.	USPAT	OR	OFF	2007/04/17 15:13
S95	41	S94 and piece	USPAT	OR	ON	2007/04/17 15:29
S96	65	52/107.ccls.	USPAT	OR	ON	2007/04/17 15:31
S97	143	52/546.ccls.	USPAT	OR	ON	2007/04/17 15:32
S98	4	"L137" and spring and washer	USPAT	OR	ON	2007/04/17 15:34
S99	24	("0992877"   "1815167"   "2272058"   "2705820"   "3151713"   "3320712"   "3687496"   "4000591"   "4748780"   "5729951").PN. OR ("5992115"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 15:51
S10 0	11	("2188422"   "3443473"   "3526072"   "4812193"   "5093957"   "6055790").PN. OR ("6298633"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:48
S10 1	20	("3137887"   "3252493"   "3443473"   "3526072"   "4557100"   "4577402"   "4812193"   "4817264"   "5093957"   "5149235"   "5207462"   "5437750"   "6055790"   "6095738"   "6298633"   "6488460").PN. OR ("6862863"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:48
S10 2	37	("0121060"   "1396455"   "2001290"   "2024070"   "3200296"   "3346286"   "3699637"   "3908188"   "4321423"   "4357746"   "4403102").PN. OR ("4577402"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:58
S10 3	19	("2967593"   "3099057"   "3137887"   "3252493"   "3296765"   "4056878"   "4232496"   "4399642").PN. OR ("4557100"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:59
S10 4	12	("3526072").URPN.	USPAT	OR	OFF	2007/04/17 17:02

## EAST Search History

S10 5	12	("3443473").URPN.	USPAT	OR	OFF	2007/04/17 17:03
S10 6	21	("3252493").URPN.	USPAT	OR	OFF	2007/04/17 17:04
S10 7	12	("3137887").URPN.	USPAT	OR	OFF	2007/04/17 17:06
S10 8	12	("3526072").URPN.	USPAT	OR	OFF	2007/04/17 17:07
S10 9	(20)	("3137887"   "3252493"   "3443473"   "3526072"   "4557100"   "4577402"   "4812193"   "4817264"   "5093957"   "5149235"   "5207462"   "5437750"   "6055790"   "6095738"   "6298633"   "6488460").PN. OR ("6862863"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:10
S11 0	(24)	("1409606"   "2700172"   "2761484"   "2957196"   "3556570"   "3678535"   "3771410"   "4112993"   "4296586"   "4464090"   "4761860"   "4828442"   "5069586"   "5093957"   "5147167"   "6264412").PN. OR ("6488460"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:11
S11 1	(21)	("2957196"   "3041912"   "3504723"   "4399642"   "4717612"   "4729705"   "4800643"   "4846612"   "4930959"   "4941785"   "5013613"   "5082405"   "5093957"   "5240543"   "5378099"   "5480729").PN. OR ("6264412"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:11
S11 2	(32)	("3130503"   "3282015"   "3339609"   "3392225"   "3461936"   "3884006"   "3918130"   "4063582").PN. OR ("4729705"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:12
S11 3	21	("3339609").URPN.	USPAT	OR	OFF	2007/04/17 17:14
S11 4	(18)	("3285311"   "3339609"   "3564798"   "3621557"   "3662805").PN. OR ("3884006"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:15
S11 5	(15)	("3282015"   "3510916"   "3564798"   "3884006"   "4212610"   "4341053"   "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:17

# EAST Search History

S11 6	<i>Push</i> (38)	("20020100540"   "20020124952"   "20030196761"   "3019865"   "3339609"   "3504723"   "3964531"   "4121963"   "4752171"   "4812193"   "4817264"   "4846612"   "4902180"   "4973208"   "4993902"   "5240543"   "5302069"   "5378099"   "5431518"   "5437750"   "5553984"   "5632582"   "5840147"   "5843265"   "6096256"   "6153035"   "6217695"   "6264412"   "6273985"   "6278562"   "6299596"   "6350093"   "6485130"   "6488460"   "6695527").PN. OR ("7195436"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:17
S11 7	<i>Push</i> (15)	("3282015"   "3510916"   "3564798"   "3884006"   "4212610"   "4341053"   "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:19
S11 8	<i>Push</i> (34)	("3510916"   "3528466"   "3722671"   "4093491"   "4415083"   "4427471"   "4477307"   "4551189"   "4566924"   "4758392"   "4761871"   "4780035"   "4784591"   "4817264"   "4824304"   "4832549"   "4846612"   "4865792"   "5087320"   "5096532"   "5110403"   "5143216"   "5147482"   "5437750"   "5536344"   "5593120"   "5725704"   "6001202").PN. OR ("6153035"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:21
S11 9	<i>Push</i> (15)	("3282015"   "3510916"   "3564798"   "3884006"   "4212610"   "4341053"   "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:23
S12 0	<i>Push</i> (21)	("3252493"   "3313078"   "3504723").PN. OR ("4341053"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:25
S12 1	<i>Push</i> (18)	("3285311"   "3339609"   "3564798"   "3621557"   "3662805").PN. OR ("3884006"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:29

## EAST Search History

S12 2	<i>38</i>	("20020100540"   "20020124952"   "20030196761"   "3019865"   "3339609"   "3504723"   "3964531"   "4121963"   "4752171"   "4812193"   "4817264"   "4846612"   "4902180"   "4973208"   "4993902"   "5240543"   "5302069"   "5378099"   "5431518"   "5437750"   "5553984"   "5632582"   "5840147"   "5843265"   "6096256"   "6153035"   "6217695"   "6264412"   "6273985"   "6278562"   "6299596"   "6350093"   "6485130"   "6488460"   "6695527").PN. OR ("7195436"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:32
S12 3	563	403/274.ccls.	USPAT	OR	OFF	2007/04/18 12:13
S12 4	1	403/274.ccls.and spacer and bush\$	USPAT	OR	OFF	2007/04/18 12:15
S12 5	14	403/274.ccls.and spacer	USPAT	OR	OFF	2007/04/18 12:15
S12 6	16	("0269412"   "1098974"   "2010569"   "2464152"   "3405597"   "4437784"   "4502832"   "5052887"   "5195756").PN. OR ("5466119").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:17
S12 7	459	403/281.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:18
S12 8	7	403/281.ccls.and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:19
S12 9	111	52/705.ccls.	USPAT	OR	OFF	2007/04/18 12:25
S13 0	5	("2782883").URPN.	USPAT	OR	OFF	2007/04/18 12:27
S13 1	31	("2210441"   "2391792"   "2782883"   "2799899"   "2857950"   "2945653"   "2980155"   "3130940"   "3160188"   "3332182"   "3434262"   "3579942"   "3778957"   "3936927"   "4109429"   "4137681").PN. OR ("4520601"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:30
S13 2	1	("2799899").URPN.	USPAT	OR	OFF	2007/04/18 12:31
S13 3	5	("2782883").URPN.	USPAT	OR	OFF	2007/04/18 12:32

## EAST Search History

S13 4	1	("2799899").URPN.	USPAT	OR	OFF	2007/04/18 12:43
S13 5	115439	"411"	USPAT	OR	OFF	2007/04/18 12:36
S13 6	263	411/43.ccls.	USPAT	OR	OFF	2007/04/18 12:39
S13 7	<i>MA</i> (18)	411/43.ccls.and spacer	USPAT	OR	OFF	2007/04/18 12:39
S13 8	368	411/82.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:43
S13 9	<i>MA</i> (10)	411/82.ccls.and bushing	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:46
S14 0	335	411/107.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:47
S14 1	(23)	411/107.ccls.and spacer	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:49
S14 2	191	411/546.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:49
S14 3	<i>MA</i> (58)	411/546.ccls.and spacer	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:59
S14 4	191	411/546.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:14
S14 5	377	411/34.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:15
S14 6	144	411/34.ccls.and sleeve	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:15
S14 7	<i>MA</i> (15)	("2588907"   "2641378"   "3236143"   "3257889"   "3263466").PN. OR ("3686914"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:26
S14 8	8	("2514113"   "3279302").PN. OR ("3673913").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:29
S14 9	569	403/274.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:59
S15 0	<i>MA</i> 19	403/274.ccls.and(spacer or bush)	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:59
S15 1	<i>MA</i> (24)	("3938239"   "4018257"   "4490904"   "4630362").PN. OR ("4810143").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:03
S15 2	459	403/281.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:04



## EAST Search History

S15 3	9	403/281.ccls.and(spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:05
S15 4	26	403/274.ccls.and(spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:32
S15 5	754	52/794.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:33
S15 6	84	52/794.1.ccls.and (spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:34
S15 7	3	("3074522").URPN.	USPAT	OR	OFF	2007/04/18 14:36
S15 8	489	52/794.1.ccls.	USPAT	OR	OFF	2007/04/18 14:37
S15 9	49	52/794.1.ccls.and (spacer or bush)	USPAT	OR	OFF	2007/04/18 14:37
S16 0	3	("3074522").URPN.	USPAT	OR	OFF	2007/04/18 14:40
S16 1	235	52/677.ccls.	USPAT	OR	OFF	2007/04/18 14:40
S16 2	63	52/677.ccls.and (spacer or bushing)	USPAT	OR	OFF	2007/04/18 14:40
S16 3	4	("3044217").URPN.	USPAT	OR	OFF	2007/04/18 14:50
S16 4	138	52/784.15.ccls.	USPAT	OR	OFF	2007/04/18 14:51
S16 5	9	52/784.15.ccls. and spacer	USPAT	OR	OFF	2007/04/18 15:04
S16 7	563	403/274.ccls.	USPAT	OR	OFF	2007/04/18 15:05
S16 8	18	403/274.ccls.and ( spacer or bush )	USPAT	OR	OFF	2007/04/18 15:07
S17 0	260	403/281.ccls.	USPAT	OR	OFF	2007/04/18 15:08
S17 1	579	403/282.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 15:09
S17 2	28	403/282.ccls.and ( spacer or bush )	US-PGPUB; USPAT	OR	OFF	2007/04/18 15:10
S17 3	39	403/282.ccls. and ( spacer or bushing )	USPAT	OR	OFF	2007/04/18 15:22

# EAST Search History

Search by  
Lynda Jasmin  
4/18/07

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	658	(spacer near fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L2	7343	(spacer with fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:34
L3	8	L2 and 52/?..ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:27
L4	12300	(spacer same fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L5	11	L4 and 52/?..ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L6	31	52/782.24.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L7	19	("4729705").URPN.	USPAT	OR	ON	2007/04/18 15:24
L8	12	("3443473").URPN.	USPAT	OR	ON	2007/04/18 15:24
L9	6	("5860780").URPN.	USPAT	OR	ON	2007/04/18 15:24
L10	25	((("6,298,633") or ("6,055,790") or ("5,860,780") or ("5,738,475") or ("5,645,383") or ("5,333,980") or ("5,093,957") or ("4,823,921") or ("4,817,264") or ("4,812,193") or ("4,363,580") or ("4,296,586") or ("3,526,072"))).PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/04/18 15:24
L11	26	((("6,298,633") or ("6,055,790") or ("5,860,780") or ("5,738,475") or ("5,645,383") or ("5,333,980") or ("5,093,957") or ("4,823,921") or ("4,817,264") or ("4,812,193") or ("4,363,580") or ("4,296,586") or ("3,526,07"))).PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/04/18 15:24
L12	151	"6298633" "6,055,790" "5,860,780" "5,738,475" "5,645,383" "5,333,980" "5,093,957" "4,823,921" "4,817,264" "4,812,193" "4,363,580" "4,296,586" "3,526,07"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L13	120	52/787.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L14	5	("4170919").URPN.	USPAT	OR	ON	2007/04/18 15:24

## EAST Search History

L15	2	("5599147").URPN.	USPAT	OR	ON	2007/04/18 15:24
L16	0	("6551040").URPN.	USPAT	OR	ON	2007/04/18 15:24
L17	3	("6077009").URPN.	USPAT	OR	ON	2007/04/18 15:24
L18	5	("4833775").URPN.	USPAT	OR	ON	2007/04/18 15:24
L19	21	("3252493").URPN.	USPAT	OR	ON	2007/04/18 15:24
L20	0	("6551040").URPN.	USPAT	OR	ON	2007/04/18 15:24
L21	18	("3148578"   "3288016"   "3702088"   "3880042"   "4355934"   "4405273"   "4473914"   "4627775"   "4639179"   "4784551"   "4844673"   "4863325"   "5102274"   "5569006"   "5603592"   "6077009").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 15:24
L22	73	52/787.1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L23	688860	spacer or bush\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L24	688860	spacer or bush\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L25	122	L24 and 52/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L26	688860	spacer or bush\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L27	10175	(spacer or bush\$3) with fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L28	10175	(spacer or bush\$3) with fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L29	10175	L28 and 411/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L30	10175	(spacer or bush\$3) with fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L31	12300	(spacer same fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24

## EAST Search History

L32	6025	(spacer near10 fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L33	7	("3796125").URPN.	USPAT	OR	ON	2007/04/18 15:24
L34	11	L28 and 52/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L35	10175	(spacer or bush\$3) with fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L36	9	L28 and 411/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L37	10175	(spacer or bush\$3) with fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L38	7343	(spacer with fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L39	4125	(spacer near5 fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L40	1667	(spacer near2 fastener)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:24
L41	11	4 and 52/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:28
L42	11	35 and 52/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:28
L43	122	23 and 52/? .ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:34
L44	17717	(panel with spacer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:35
L45	2244	44 and fastener	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:35

## EAST Search History

L46	0	45 and (annular adj ridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:36
L47	5	45 and (annular adj ridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:37
L48	0	("2005/0155305").URPN.	USPAT	OR	ON	2007/04/18 15:37
L49	0	("2005/0155305").URPN.	USPAT	OR	ON	2007/04/18 15:37
L50	1122	45 and (flange)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:38
L51	713	50 and angle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:38
L52	0	("2002/0050105").URPN.	USPAT	OR	ON	2007/04/18 15:50
L53	0	("6862863").URPN.	USPAT	OR	ON	2007/04/18 15:52
L54	20	("3137887"   "3252493"   "3443473"   "3526072"   "4557100"   "4577402"   "4812193"   "4817264"   "5093957"   "5149235"   "5207462"   "5437750"   "6055790"   "6095738"   "6298633"   "6488460").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 15:52
L55	15	("4817264").URPN.	USPAT	OR	ON	2007/04/18 15:55
L56	12	("3443473").URPN.	USPAT	OR	ON	2007/04/18 16:08
L57	6	("3892099").URPN.	USPAT	OR	ON	2007/04/18 16:21
L58	22	("2585557"   "2607447"   "2967593"   "3042156"   "3137887"   "3282015"   "3384142"   "3434262"   "3443473"   "3526072"   "3651563"   "3716092").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 16:23
L59	12	("3443473").URPN.	USPAT	OR	ON	2007/04/18 16:23
L60	22	("4232496").URPN.	USPAT	OR	ON	2007/04/18 16:24
L61	6	("4557100").URPN.	USPAT	OR	ON	2007/04/18 16:34
L62	21	("3252493").URPN.	USPAT	OR	ON	2007/04/18 16:52
L63	12	("3137887").URPN.	USPAT	OR	ON	2007/04/18 17:01

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	569	403/274.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:59
L2	19	403/274.ccls.and(spacer or bush)	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:59
L3	24	("3938239"   "4018257"   "4490904"   "4630362").PN. OR ("4810143").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:03
L4	459	403/281.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:04
L5	9	403/281.ccls.and(spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:05
L6	26	403/274.ccls.and(spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:32
L7	754	52/794.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:33
L8	84	52/794.1.ccls.and (spacer or bush)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 14:34
L9	3	("3074522").URPN.	USPAT	OR	OFF	2007/04/18 14:36
L10	489	52/794.1.ccls.	USPAT	OR	OFF	2007/04/18 14:37
L11	49	52/794.1.ccls.and (spacer or bush)	USPAT	OR	OFF	2007/04/18 14:37
L12	3	("3074522").URPN.	USPAT	OR	OFF	2007/04/18 14:40
L13	235	52/677.ccls.	USPAT	OR	OFF	2007/04/18 14:40
L14	63	52/677.ccls.and (spacer or bushing)	USPAT	OR	OFF	2007/04/18 14:40
L15	4	("3044217").URPN.	USPAT	OR	OFF	2007/04/18 14:50
L16	138	52/784.15.ccls.	USPAT	OR	OFF	2007/04/18 14:51
L17	9	52/784.15.ccls. and spacer	USPAT	OR	OFF	2007/04/18 14:51
S1	1	("6298633").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:46
S2	1	("6055790").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:13
S3	1	("5860780").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:36
S4	79	52/782	USPAT	OR	OFF	2007/04/16 17:34

## EAST Search History

S5	87371	S4 and spacer and tubular and flangeand ridge	USPAT	OR	OFF	2007/04/16 14:50
S7	20569	S4 and spacer with tubular (flange and ridge)	USPAT	OR	OFF	2007/04/16 14:53
S8	3929	S4 and spacer with tubular (flange and ridge)and panel	USPAT	OR	OFF	2007/04/16 14:53
S9	470	S4 and spacer with tubular (flange and ridge)with panel	USPAT	OR	OFF	2007/04/16 14:56
S10	11	S4 and spacer with tubular (flange adj ridge)with panel	USPAT	OR	OFF	2007/04/16 14:56
S12	12	52/782 and spacer	USPAT	OR	OFF	2007/04/16 15:11
S13	91854	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/16 17:13
S14	91854	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/16 17:16
S15	4549	S14 and spacer(tubular adj body) and flange with ridge	USPAT	OR	OFF	2007/04/16 17:19
S16	4407	S14 and spacer(tubular adj body) with flange with ridge with rivet with panel with fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:22
S17	216	S16 and bore and angle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:23
S18	124	S16 and bore and angle and thickness	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:27
S19	27	S16 and bore and angle and thick and piece	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 17:27
S20	28	52/782.24.ccls.	USPAT	OR	OFF	2007/04/16 18:08
S21	87	(52/782.22).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/16 18:14
S22	46	52/782.24.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 08:12
S23	19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 08:30
S33	91866	"52"/\$.ccls.	USPAT	OR	OFF	2007/04/17 08:39
S34	4407	S33 and spacer(tubular adj body) with flange with ridge with rivet with panel with fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:39
S35	46	52/782.24.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 08:42
S39	19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 13:55
S56	1	("6352038").URPN.	USPAT	OR	OFF	2007/04/17 08:47

## EAST Search History

S63	8	("5992115").URPN.	USPAT	OR	OFF	2007/04/17 08:48
S66	8	("5992115").URPN.	USPAT	OR	OFF	2007/04/17 08:48
S67	19	("4729705").URPN.	USPAT	OR	OFF	2007/04/17 13:58
S68	16	52/782.24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:05
S69	48	52/782.24.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 12:05
S70	32	("3130503"   "3282015"   "3339609"   "3392225"   "3461936"   "3884006"   "3918130"   "4063582").PN. OR ("4729705"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:43
S71	10	"5378099"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:43
S72	21	("2957196"   "3041912"   "3504723"   "4399642"   "4717612"   "4729705"   "4800643"   "4846612"   "4930959"   "4941785"   "5013613"   "5082405"   "5093957"   "5240543"   "5378099"   "5480729").PN. OR ("6264412"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:46
S73	462	52/783.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 13:59
S74	27	S73 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:05
S75	64	52/782.23.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:08
S76	87	52/782.22.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:12
S77	1	S76 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:09



## EAST Search History

S78	40	52/782.21.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:14
S79	127	52/782.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:16
S80	3	S79 and washer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:15
S81	5	S79 and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:15
S82	182	52/782.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:16
S83	2	S82 and fastener	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:17
S84	127	52/782.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:24
S85	4	"5480729"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:24
S86	2	("6264412").URPN.	USPAT	OR	OFF	2007/04/17 14:32
S87	19	("2957196"   "3041912"   "3504723"   "4399642"   "4717612"   "4729705"   "4800643"   "4846612"   "4930959"   "4941785"   "5013613"   "5082405"   "5093957"   "5240543"   "5378099"   "5480729").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:56
S88	324	411/352.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:56
S89	14	S88 and washer and angle	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:57
S90	1	("2004/0096292").URPN.	USPAT	OR	OFF	2007/04/17 15:07
S91	2	Tubuler and spacer and washer	USPAT	OR	OFF	2007/04/17 15:08
S92	305	411/107.ccls.	USPAT	OR	OFF	2007/04/17 15:08
S93	20	S92 and spacer	USPAT	OR	OFF	2007/04/17 15:12
S94	177	411/546.ccls.	USPAT	OR	OFF	2007/04/17 15:13
S95	41	S94 and piece	USPAT	OR	ON	2007/04/17 15:29
S96	65	52/107.ccls.	USPAT	OR	ON	2007/04/17 15:31

## EAST Search History

S97	143	52/546.ccls.	USPAT	OR	ON	2007/04/17 15:32
S98	4	"L137" and spring and washer	USPAT	OR	ON	2007/04/17 15:34
S99	24	("0992877"   "1815167"   "2272058"   "2705820"   "3151713"   "3320712"   "3687496"   "4000591"   "4748780"   "5729951").PN. OR ("5992115"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 15:51
S10 0	11	("2188422"   "3443473"   "3526072"   "4812193"   "5093957"   "6055790").PN. OR ("6298633"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:48
S10 1	20	("3137887"   "3252493"   "3443473"   "3526072"   "4557100"   "4577402"   "4812193"   "4817264"   "5093957"   "5149235"   "5207462"   "5437750"   "6055790"   "6095738"   "6298633"   "6488460").PN. OR ("6862863"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:48
S10 2	37	("0121060"   "1396455"   "2001290"   "2024070"   "3200296"   "3346286"   "3699637"   "3908188"   "4321423"   "4357746"   "4403102").PN. OR ("4577402"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:58
S10 3	19	("2967593"   "3099057"   "3137887"   "3252493"   "3296765"   "4056878"   "4232496"   "4399642").PN. OR ("4557100"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 16:59
S10 4	12	("3526072").URPN.	USPAT	OR	OFF	2007/04/17 17:02
S10 5	12	("3443473").URPN.	USPAT	OR	OFF	2007/04/17 17:03
S10 6	21	("3252493").URPN.	USPAT	OR	OFF	2007/04/17 17:04
S10 7	12	("3137887").URPN.	USPAT	OR	OFF	2007/04/17 17:06
S10 8	12	("3526072").URPN.	USPAT	OR	OFF	2007/04/17 17:07
S10 9	20	("3137887"   "3252493"   "3443473"   "3526072"   "4557100"   "4577402"   "4812193"   "4817264"   "5093957"   "5149235"   "5207462"   "5437750"   "6055790"   "6095738"   "6298633"   "6488460").PN. OR ("6862863"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:10

## EAST Search History

S11 0	24	("1409606"   "2700172"   "2761484"   "2957196"   "3556570"   "3678535"   "3771410"   "4112993"   "4296586"   "4464090"   "4761860"   "4828442"   "5069586"   "5093957"   "5147167"   "6264412").PN. OR ("6488460"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:11
S11 1	21	("2957196"   "3041912"   "3504723"   "4399642"   "4717612"   "4729705"   "4800643"   "4846612"   "4930959"   "4941785"   "5013613"   "5082405"   "5093957"   "5240543"   "5378099"   "5480729").PN. OR ("6264412"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:11
S11 2	32	("3130503"   "3282015"   "3339609"   "3392225"   "3461936"   "3884006"   "3918130"   "4063582").PN. OR ("4729705"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:12
S11 3	21	("3339609").URPN.	USPAT	OR	OFF	2007/04/17 17:14
S11 4	18	("3285311"   "3339609"   "3564798"   "3621557"   "3662805").PN. OR ("3884006"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:15
S11 5	15	("3282015"   "3510916"   "3564798"   "3884006"   "4212610"   "4341053"   "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:17
S11 6	38	("20020100540"   "20020124952"   "20030196761"   "3019865"   "3339609"   "3504723"   "3964531"   "4121963"   "4752171"   "4812193"   "4817264"   "4846612"   "4902180"   "4973208"   "4993902"   "5240543"   "5302069"   "5378099"   "5431518"   "5437750"   "5553984"   "5632582"   "5840147"   "5843265"   "6096256"   "6153035"   "6217695"   "6264412"   "6273985"   "6278562"   "6299596"   "6350093"   "6485130"   "6488460"   "6695527").PN. OR ("7195436"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:17
S11 7	15	("3282015"   "3510916"   "3564798"   "3884006"   "4212610"   "4341053"   "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:19

## EAST Search History

S11 8	34	("3510916"   "3528466"   "3722671"   "4093491"   "4415083"   "4427471"   "4477307"   "4551189"   "4566924"   "4758392"   "4761871"   "4780035"   "4784591"   "4817264"   "4824304"   "4832549"   "4846612"   "4865792"   "5087320"   "5096532"   "5110403"   "5143216"   "5147482"   "5437750"   "5536344"   "5593120"   "5725704"   "6001202").PN. OR ("6153035"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:21
S11 9	15	("3282015"   "3510916"   "3564798"   "3884006"   "4212610"   "4341053"   "4509308").PN. OR ("4846612").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:23
S12 0	21	("3252493"   "3313078"   "3504723").PN. OR ("4341053"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:25
S12 1	18	("3285311"   "3339609"   "3564798"   "3621557"   "3662805").PN. OR ("3884006"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:29
S12 2	38	("20020100540"   "20020124952"   "20030196761"   "3019865"   "3339609"   "3504723"   "3964531"   "4121963"   "4752171"   "4812193"   "4817264"   "4846612"   "4902180"   "4973208"   "4993902"   "5240543"   "5302069"   "5378099"   "5431518"   "5437750"   "5553984"   "5632582"   "5840147"   "5843265"   "6096256"   "6153035"   "6217695"   "6264412"   "6273985"   "6278562"   "6299596"   "6350093"   "6485130"   "6488460"   "6695527").PN. OR ("7195436"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:32
S12 3	563	403/274.ccls.	USPAT	OR	OFF	2007/04/18 12:13
S12 4	1	403/274.ccls.and spacer and bush\$	USPAT	OR	OFF	2007/04/18 12:15
S12 5	14	403/274.ccls.and spacer	USPAT	OR	OFF	2007/04/18 12:15
S12 6	16	("0269412"   "1098974"   "2010569"   "2464152"   "3405597"   "4437784"   "4502832"   "5052887"   "5195756").PN. OR ("5466119").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:17

## EAST Search History

S12 7	459	403/281.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:18
S12 8	7	403/281.ccls.and spacer	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:19
S12 9	111	52/705.ccls.	USPAT	OR	OFF	2007/04/18 12:25
S13 0	5	("2782883").URPN.	USPAT	OR	OFF	2007/04/18 12:27
S13 1	31	("2210441"   "2391792"   "2782883"   "2799899"   "2857950"   "2945653"   "2980155"   "3130940"   "3160188"   "3332182"   "3434262"   "3579942"   "3778957"   "3936927"   "4109429"   "4137681").PN. OR ("4520601"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 12:30
S13 2	1	("2799899").URPN.	USPAT	OR	OFF	2007/04/18 12:31
S13 3	5	("2782883").URPN.	USPAT	OR	OFF	2007/04/18 12:32
S13 4	1	("2799899").URPN.	USPAT	OR	OFF	2007/04/18 12:43
S13 5	115439	"411"	USPAT	OR	OFF	2007/04/18 12:36
S13 6	263	411/43.ccls.	USPAT	OR	OFF	2007/04/18 12:39
S13 7	8	411/43.ccls.and spacer	USPAT	OR	OFF	2007/04/18 12:39
S13 8	368	411/82.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:43
S13 9	10	411/82.ccls.and bushing	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:46
S14 0	335	411/107.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:47
S14 1	23	411/107.ccls.and spacer	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:49
S14 2	191	411/546.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:49
S14 3	58	411/546.ccls.and spacer	US-PGPUB; USPAT	OR	OFF	2007/04/18 12:59
S14 4	191	411/546.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:14
S14 5	377	411/34.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:15

## EAST Search History

S14 6	144	411/34.ccls.and sleeve	US-PGPUB; USPAT	OR	OFF	2007/04/18 13:15
S14 7	15	("2588907"   "2641378"   "3236143"   "3257889"   "3263466").PN. OR ("3686914"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:26
S14 8	8	("2514113"   "3279302").PN. OR ("3673913").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:29